

--43. (New) A method of generating polypeptides *in vitro*, comprising generating the polypeptides in the precursor cells of claim 1.

--44. (New) A method of transplantation of cells into the nervous system, comprising transplanting the precursor cells of claim 1.

--45. (New) A method of transplanting neural spheres into the nervous system comprising transplanting the neural spheres of claim 16.

--46. (New) A pharmaceutical composition comprising the precursor cells of claim 1. -

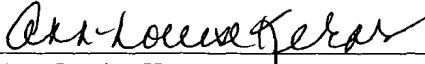
REMARKS

Claims 1-38 were filed with the above-referenced application. Claims 6-11, 13-17, 20-22, 25-30 have been amended. Claims 31-38 have been canceled, and new claims 39-46 have been added. The amendments to the existing claims and the newly added claims contain no new matter, as support for the amendments and claims can be found throughout the specification, including the claims as originally filed.

Applicants have authorized the filing fees to be taken from our Deposit Account No. 08-0219, as indicated in the accompanying filing papers. No fees are believed to be due in addition to these filing fees. However, please charge any underpayments or credit any overpayments to the same deposit account.

Respectfully submitted,

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